I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in arrenvelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1453, on the VA 22313-1453 on the date shown below.

ed: January 21, 2005

Docket No.: 30205/39511

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Patent Application of: Seong Hwan Park et al.

Application No.: 10/723,485

Confirmation No.: 9548

Filed: November 26, 2003

Art Unit: 2812

For:

METHOD OF MANUFACTURING

SEMICONDUCTOR DEVICE

Examiner: Thanh T. Nguyen

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Application No.: 10/723,485 Docket No.: 30205/39511

A copy of only those references listed below is attached:

For. Doc No. Ctry		Patentee/Applicant	Publication Date	
0939344	EP	Kanto Kagaku Kabushiki	September 1, 1999	
0788143	EP	Mitsubishi Gas Chemical	September 13, 2000	
WO 97/36209	PC	Merck Patent GmbH	October 2, 1997	

Other Documents
Search Report from German Patent and Trademark Office dated November 17,

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30205/39511.

Dated: January 21, 2005

Respectfully submitted,

Registration No.: 35,902

MARSHALL, GERSTEIN & BORUN LLP

233 S. Wacker Drive, Suite 6300

Sears Tower

Chicago, Illinois 60606-6357

(312) 474-6300

Attorney for Applicant

PTO/SB/082/b (08-03)
Approved for use through 07/31/2008. OM:B 6651-0331
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Autorup Assentian Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known		
				Application Number	10/723,485-Conf. #9548	
INFORMATION DISCLOSURE				Filing Date	November 26, 2003	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Seong H. Park	
				Art Unit	2812	
(Use as many sheets as necessary)			s necessary)	Examiner Name	Thanh T. Nguyen	
heet	1	of	1	Attorney Docket Number	30205/39511	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,029,679	02-29-2000	Ota et al.	
		US-6,043,005	03-28-2000	Haq	

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
		EP-0939344-A1	09-01-1999	Kanto Kagaku Kabushiki		
				Kaisha	<u> </u>	<u> </u>
		EP-0788143-B1	09-13-2000	Mitsubishi Gas Chemical		
			}	Company, Inc.		l
		WO-97/36209	10-02-1997	Merck Patent GmbH		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	F	Search Report from German Patent and Trademark Office dated November 17, 2004		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/723,485 Attorney Docket No.: 30205/39511

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on January 21, 2005 . Date	۵
MAGN	
Signature	
Michael R. H	lull
Typed or printed name of person	on signing Certificate
35,902	(312) 474-9577
Registration Number, if applicable	Telephone Number

Each paper must have its own certificate of mailing, or this certificate must identify Note: each submitted paper.

IDS (Citation) by Applicant (6 References) (1 page) Information Disclosure Statement